

From owner-qrp-1@netcom.com Fri Dec 2 09:51:18 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re "Real QRP"
Date: Thu, 01 Dec 94 21:43:23 EST5EDT
Message-Id: <1994Dec01.214323.19848@wb3ffv.ampr.org>

Jumping on a comment made by Larry East recently about people who run super computer-controlled, techno-whizzy rice-boxes cranked down to QRP, using stacked beams on 300 foot towers: some people run QRP, other people are QRPers. Low power levels do not a QRPer make! Some people dabble in it just to see if it really does work like they say, then go back to the linear and stacked beams; they weren't QRPers, they just ran QRP! 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Fri Dec 2 15:00:39 1994
Date: Fri, 2 Dec 1994 13:41:49 -0500 (EST)
From: wynn c c <wyn@stc06.CTD.ORNL.GOV>
Subject: 300 twin lead vs open wire.
Message-Id: <Pine.OSF.3.91.941202130558.2909B-100000@stc06.CTD.ORNL.GOV>

Which is better performer? The answer is overhead. Just look up.:-)

The long haul electric utility guys run as large an eff. diameter and as wide spacing (as high impedance) as possible. Our famous TVA electric folks only lose approx. 1KW per mile at full bore with their 0.5 megavolt lines. Each of the three phase legs is a three wire cage.

The practical problem with RF transmission line for the HAM is that most xcvs are designed/built to drive into a 50-75 ohm unbalanced load. Solid state rigs transform up to it. Tube type rigs transform down to it. To drive a 300, 450, or 600 ohm transmission line requires some transforming thru a tuner, balun, or tuner and balun. On the other end, the feed point for antennas are usually relatively low impedance, 15-100 ohms.

One configuration, the folded dipole, is conveniently approx. 300 ohm resistive. This makes a good direct match to 300 ohm twin lead. I have used this configuration for years. The ant. & feed is very efficient and sufficiently broadbanded as to require no tuner on 80 meters for all of the CW and most of the SSB subband for a 116 ft dipole, and all of the 40 meter band for a 60 ft. dipole, etc. Of course these systems still need a 75ohm unbalanced to 300 ohm balanced transformer. (See my earlier posting on the QRP 4:1 voltage type [Ruthroff] balun.)

I am still working on my QRP field portable 20/40 folded dipole system design. As usual the tough problems are mechanical not electrical.

72/73,
Clay, N4AOX
wyn@ornl.gov

From owner-qrp-1@netcom.com Fri Dec 2 20:52:41 1994
Date: Fri, 2 Dec 94 09:00:05 PST
From: Mike J Pulley <Mike_J_Pulley@ccm.ch.intel.com>
Message-Id: <941202090005_2@ccm.hf.intel.com>
Subject: 40m "F" beacon

Text item: Text_1

After a year of enforced wandering (read "no functioning radio") from 40m CW, I've returned to the band of milk and honey. The insistent "F" beacon is still there pounding out dididahdit day and night near 7040.

What is it, where is it, and who put it there? I have some speculations...

It's an illicit marker for the 40m QRP calling frequency... probably emanating from Austin. :-)

It's code practice for slow learners.

It's the RF version of spray can graffiti, ubiquitous, but meaningless to everyone except the perpetrator.

It's a French propagation beacon.

It's the ghost of a disgruntled Coast Guard ancient mariner, forever sending the first letter of a profane CG inside joke.

Since the fox hunts occur on 7040, I would expect to read someone noticing this beacon along with the SSB and QRO interference... but nothing. Is it an inside secret everyone knows but no one mentions?

What do we know about it? And can we use it to predict propagation to somewhere interesting?

email responses are welcome. I will post a summary of any

responses I receive.

Regards,

-- Mike, WB4ZKA
Mike_J_Pulley@ccm.hf.intel.com

From owner-qrp-1@netcom.com Fri Dec 2 09:25:29 1994
Date: Fri, 2 Dec 94 05:41:40 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412021141.AA07609@chuck.dallas.sgi.com>
Subject: 8051

My many heartfelt thanks to Mont Pierce, KM6WT, who immediately responded to my request for help on getting a cross-assembler for the Intel part. He came through. I owe him dinner at the restaurant of his choice (local to his qth :-). Not at the Hilton on Diamondhead HI. in Honolulu.

dit dit
SIG
Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-1@netcom.com Fri Dec 2 21:48:32 1994
From: dequeen@BIX.com
Date: Fri, 02 Dec 1994 15:28:44 -0500 (EST)
Subject: >re-mfj qrp problem/answers!
Message-Id: <9412021528.memo.29928@BIX.com>

Thanks for the replies. I call MFJ and the manual is on the way. I called their tech line a while back and got a buzzy signal for a couple of days. Must have just picked a bad time.

Any to the question of is it on a batterie, yes it is. Whats your solution?

I have not yet check tx bat. voltage, just read the messages 5 minutes ago.

73 WCOH

From owner-qrp-1@netcom.com Fri Dec 2 23:18:43 1994
Message-Id: <m0rDiQk-00000eC@juts.ccc.amdahl.com>
Date: Friday, 2 December 1994 16:26 PT

From: bruce.florip@amail.amdahl.com
Subject: AA7AR Sierra Up: FB Rig!

Hi all,

My Sierra Lives! With a holiday and other projects in the way, the Sierra is complete, and worked with absolutely no adjustments. It was just as Wayne's fine manual described.

1st contact: 15 mile DX from Santa Clara, Ca. to San Jose, Ca.
Brian KC6KID gave me "It sounds real sweet - No chirp or clicks - es very stable - fb - "
He was ICOM @100watts and I gave him a 539 qrm
I was Sierra @ 2 watts and he gave me 559.

2nd contact: KA7PPH in Lacenter, Washington (distance getting better!)
Darin was running a TS520 to a Vert I gave him a 569
The Sierra @ 2 watts received a 529. Still great for 40 while sharing the airwaves with SW Broadcast Stns.

Nothing but Great Compliments for Wayne's efforts, as well as those who made up the kit and took care of the details that made the entire effort great fun!

The bandwidth of the rig is great! This is truly a CW transceiver!

If you have one in progress or still in the bags, get to it!

You're going to Love this rig!

73,

Bruce (aa7ar/6qrp) Norcal #11
baf00@amail.amdahl.com

From owner-qrp-1@netcom.com Fri Dec 2 18:56:47 1994
Date: Fri, 2 Dec 1994 14:22:59 -0800
From: Dave Munroe <dmunroe@hvpclmun.vcd.hp.com>
Message-Id: <9412022222.AA09541@hvpclmun.vcd.hp.com>
Subject: apartment antennas...

Yesterday I ordered an MFJ-9140B (the 40m xcvr, tuner, and portable power supply). Apparently they have a three week backlog, so it'll probably be January before I can get it on the air.

My biggest question is how good of a signal will I be able to put out, given the restrictions of an apartment antenna. At my father's apartment, the only place available is a balcony about 15' high and 15' wide looking towards the east. I'm planning to use a wound dipole to get an overall above-ground height of about 25' and I can get at most an overall length of 20'. For starters, I plan to operate at QRO levels (i.e. a sizzling 5 watts - or is that QRPo?).

In my apartment, on the 9th floor of a high-rise downtown, I face towards the northwest (btw, this is Portland, Oregon). The building is thick concrete which is great for noise reduction but terrible for any type of radio operations from inside. The only thing I can hope for here is to dangle a long thin wire out the screen window and hope that works and that nobody notices. Once we get into spring, the rooftop will probably do just fine (estimated height of building = 120 feet) and I'll try to use a portable wire dipole.

73 de Dave, kc7gqq

From owner-qrp-1@netcom.com Fri Dec 2 23:50:24 1994
Message-Id: <m0rDiin-0008VcC@infi.net>
From: kturner@infi.net (Keith Turner)
Subject: Article in E-Now..
Date: Fri, 2 Dec 1994 19:53:04 -0500 (EST)

Just recieved the Jan edition of Electronic's Now and there's an article about building a computer controlled Sinewave generator. Good upto 10 Mhz..
Parts kit is \$65..

What are the chances of using this as an oscillator in a Qrp rig?

Keith Turner
KE4QOL

From owner-qrp-1@netcom.com Fri Dec 2 17:29:16 1994
Date: Fri, 2 Dec 1994 13:05:52 -0500 (EST)
From: wynn c c <wyn@stc06.CTD.ORNL.GOV>
Subject: Cheap CMOS Keyer (Cont'd)
Message-Id: <Pine.OSF.3.91.941202125921.2909A-100000@stc06.CTD.ORNL.GOV>

The parts list, comments, schematic, logic diagram, and perf board construction layout were mailed out by snail mail today to the six people here who had asked for the details. I am attempting to upload the files (some of them .eps .dwg. .dxf & .gif to Stephen and Raymond so more can access the info. Hopefully these will be accessible in the next few days.

72/73,
Clay N4AOX
wyn@ornl.gov

From owner-qrp-1@netcom.com Fri Dec 2 23:03:08 1994
Date: Fri, 2 Dec 1994 14:55:41 +0800
From: Raymond.Anderson@EBay.Sun.COM (Ray Anderson)
Message-Id: <9412022255.AA02859@uranium.EBay.Sun.COM>
Subject: Cheap CMOS Keyer Documentation Online

The "Cheap CMOS Keyer" documentation put together by Clay N4AOX
from the earlier article by WA6EGY is now available via
anonymous ftp on ftp.netcom.com in :

/pub/ra/rander/QRP_PROJECTS/cmos_keyer/cmoskeyr.zip

72's de WB6TPU
Ray

raymond.anderson@sun.com

From owner-qrp-1@netcom.com Fri Dec 2 10:22:48 1994
Date: Fri, 2 Dec 94 05:39:15 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412021139.AA07606@chuck.dallas.sgi.com>
Subject: Dave Little AF5U

Gang,

I made a serious error (well not really), but
I must be getting old. It's dlittle321@aol.com
as his email address. My apologies.

dit dit
SIG
Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-1@netcom.com Fri Dec 2 20:34:16 1994
Date: Fri, 2 Dec 1994 09:46:42 -0700 (MST)
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
Subject: Double Darn!
Message-Id: <Pine.3.89.9412020952.C53475-01000000@paris>

Not only did I miss hearing my fine report from the FOX but I'll be in
Seattle on the 7th. Haven't finished (or started for that matter) my
40-40, the OHR Spirit is too big to haul around (and it's 20m anyway),

and the TS140S is way too big with it's power supply, tuner, etc. So I'll have my HT. Maybe I can connect with Seattle area QRPers. I'll be downtown at the Sheraton. What's a good freq or freqs for 2m?

Tim AB50U
Las Cruces, NM

From owner-qrp-1@netcom.com Fri Dec 2 12:45:19 1994
From: KELL@mpac.jsc.nasa.gov
Date: Fri, 2 Dec 1994 8:43:24 -0600 (CST)
Message-Id: <941202084324.462@mpac.jsc.nasa.gov>
Subject: Ladder-wire vs twin-wire vs coax

OK, we have these three types of wire. If one is not sure if one will be noticeably better than the other at their rig, will there be a degradation of the signal if all three types are hooked to the feed point at the same time?

Then I could move the rig from one type to the other quickly and do some kind of comparison in real time. Comments??

72 es 73

Ted Kell@mpac.jsc.nasa.gov
KC5CUW/AA

From owner-qrp-1@netcom.com Fri Dec 2 15:01:29 1994
Date: Fri, 2 Dec 1994 08:54:14 +0800
From: Raymond.Anderson@EBay.Sun.COM (Ray Anderson)
Message-Id: <9412021654.AA01747@uranium.EBay.Sun.COM>
Subject: Re: Ladder-wire vs twin-wire vs coax

>
> OK, we have these three types of wire. If one is not sure if one will be
> noticeably better than the other at their rig, will there be a degradation
> of the signal if all three types are hooked to the feed point at the same
> time?
>
> Then I could move the rig from one type to the other quickly and do some
> kind of comparison in real time. Comments??
>
> 72 es 73
>
> Ted Kell@mpac.jsc.nasa.gov
> KC5CUW/AA
>

Arghhh!!! Don't even think about doing that. Connecting three feedlines to the feed point on your antenna will cause some interesting albeit undesirable input characteristics.

The unused feedlines will function as open stubs which, depending on their electrical lengths will cause the antenna to see either a capacitive or inductive load, or a short circuit across the feed point. If you short circuit the ends of the unused cables near the rig you will change the situation, but only from one undesirable one to another.

72's de WB6TPU
Ray
raymonda@uranium.ebay.sun.com

From owner-qrp-1@netcom.com Fri Dec 2 12:42:40 1994
From: blifter@ccd.harris.com (Bruce Lifter)
Message-Id: <9412021356.AA18820@morsg>
Subject: Re: Message from W5QJR (P&H)
Date: Fri, 2 Dec 1994 08:56:48 -0500 (EST)

Bruce Lifter wrote: >.

>. Ted (W5QJR) writes:

>.

>. . The loop book is available from W5QJR Antenna Products, PO Box 334,

>. . Melbourne, Fl 32902-0334 cost \$14.95 +\$1.00 p&h
^^^^^^^^

I checked with Ted. The postage and handling should be \$2.00 for US orders.

73, Bruce AD4TG

--

Bruce Lifter
Harris Corporation
Controls Division

MS: R5-202
email: blifter@ccd.harris.com

From owner-qrp-1@netcom.com Fri Dec 2 20:54:22 1994
Date: Fri, 2 Dec 94 04:59:32 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412021059.AA07473@chuck.dallas.sgi.com>
Subject: Re: NE40-40

Steve,

Why in the world would you want the weatherman to bring snow?
How is that going to help the NE40-40?

I always thought that "drift" was good for snow but bad for

rigs!! (pun intended) :-)

On the subject of drift. I published to this group the drift for the NE30-40 at under 100 cycles for 30M. I did the same measurements for the NE40-40 and found that it drifted 500 cycles in 30 minutes. Not bad, but some the more demanding will find that magnitude chilling, but 500 cycles over that large of a period is very very good. I'm working on a chart for every kit that I have and will publish it on this list for your Christmas gift from me to you guys/girls.

I'll bet the NN1G, NN1G Mark II, and NE30-40/NE40-40 numbers are getting up there. My guess is over 800, and that is no exaggeration either. We know that the number of NorCal 40s is around 200 and the Sierra around 110. One overall thing that this group can take pride in. QRP is alive and well and growing. The way it does this is that the rest of the world sees us enthusiastic about international, national, and local clubs and we seem to be building rigs from scratch or kits and really experimenting. In fact can't you say we do it all - receivers, transmitters, transceivers (CW es SSB), keyers, keys, aerials (:-0), rag chewing, fox hunting, contesting, WAC, WAS, DXCC, counties, and the list goes on.

Everybody reading this on this list. Stand up and give yourself a standing ovation. Good job gang. Let's make a deal - keep the flames to /dev/null (techie term) and work together. We have proved after over a year that we can work as a society that doesn't have to get out the lawyers and guns to settle disputes. We listen to each other, we come to the aid of those who are having some difficulty, no matter how small or large, and we have people leaving every once in a while after they decide that this is not for them. No problem. Information will cost you in time and money (either directly or indirectly - heavy stuff). We want every one to stay and contribute and/or just take it all in. It works. We all thank you for your part in the big picture - whatever that is and if you find that out let us all know.

With a Yaesu, Icom, Kenwood, and TenTec commercial rig (and others that I have inadvertently left out), we didn't get to put it together piece by piece, debug errors, and in general take pride in "just doing it". This is what makes this fun.

Now back to your regularly scheduled program. This message brought to you by your friendly QRP addict. To Wayne, I think that QRP will always be 5W. :-) 2W is going to drive off more. It takes enough work as it is. For myself, I beat myself to death at 950 mW at the QRPP level. I like the challenge.

dit dit
SIG
Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-l@netcom.com Fri Dec 2 19:26:55 1994
From: JimN00CT@aol.com
Date: Fri, 2 Dec 1994 18:12:47 -0500
Message-Id: <941202181245_4198751@aol.com>
Subject: Re: Neophyte receiver

Has anyone out there made the K6EIL version of the Neophyte? Did you do it for 40 or alter for some other frequency? I got the board from FAR and have thought it might be nice to do it for 30 meters. But I am not that much of a builder so do not know where to start.

Thanks.

72 & 73 de Tim WB9NLZ

I'm going to use one on 30 meters, and made changes to the front end a la Zak Lau's QRP-Three bander: used a toroid (t-37-2) instead of the can transformer, and peaked that up with the variable cap. I'm not done with it yet, but am going to use the output from a VX0 to drive it. I've read they need about 0.7 Vpp to drive them.

Anybody else using one of these jobs on 30m?

74, N00CT

From owner-qrp-l@netcom.com Fri Dec 2 21:12:28 1994
Date: Fri, 2 Dec 1994 16:44:36 -0800 (PST)
From: Monte Stark <msswmod@sage.unr.edu>
Subject: Off Line
Message-Id: <Pine.SUN.3.90.941202163753.22784D-100000@nimbus>

Our T-1 line to the outside world will be going off line in about 1 hour.

Will be back up by Sunday.

Just in case anyone gets bounced mail to me....

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
..mswmod@sage.unr.edu.....Sun Valley, Nevada....
.....ARRL.....NRA LIFE.....

From owner-qrp-l@netcom.com Fri Dec 2 10:44:20 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: QRP gathering in Laurel MD
Date: Thu, 01 Dec 94 21:21:35 EST5EDT
Message-Id: <1994Dec01.212135.19848@wb3ffv.ampr.org>

Well, I got a couple bites, so I called and asked if it's OK, and the place is clear, so let's do it. We've done QRP shows at Maryland Radio Center in Laurel quite a few times, the last this summer. I talked the owner, WA3WZF, into letting us do one on 10 December, a Saturday. The store is open from 1000-1500 and we'll try to have some QRPers there all the time. Usual rules, bring what you want to show off or bring nothing and just gab about QRP for a while. No program, no schedule, no agenda, total anarchy as always. Kind of short notice, but even when we do these with 2 months lead time it doesn't seem to help any.

To find the place, you can come to Laurel on the Balto-Washington Parkway or I-95. MRC is on Route 198, which connects the two big roads. From I-95, head into Laurel, then past Route 1 and east toward the BW Pkwy. You'll go up and over a bridge for Amtrak, across an at-grade bridge over some river, the county line, right by the racetrack, then at the second light past the bridge is an Acura dealer. Turn down that little road--a private, dead end road with a single building, and MRC is the third door down. It's Laureldale Drive, and the number is 8576. If you pass Mc Donalds you blew it and have to come back on the other side.

If you come from BW Pkwy, take Route 198 into Laurel. After about a mile or so you'll come to a light with Starting Gate Shell gas on the right, and Starting Gate Bar on the far side on the right, then right past that is a firehouse signal, with firehouse on right and McDonalds on the left, then a regular traffic light with an Acura dealer on the right. Turn right and go down that private road. If you get lost, the number is 725-1212. If you pass the racetrack or the county line, you blew it and have to double back.

Again, that's Saturday, the 10th of Dec, any time from 1000-1500, come

as long or short as you want, bring what you want to show, etc. (And if there is enough interest, we can have another in Jan or Feb.) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhaiewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhaiewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Fri Dec 2 18:16:23 1994
Date: Fri, 02 Dec 1994 13:59:59 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: QRP-users vs. QRPers
Message-Id: <01HK64Y175PU91YDPY@utkvx.utk.edu>

Re: Mike's distinction: true enough, but consider--
--while using QRP, the user benefitted us all, if in no other way than the lowering of QRM.
--every QRP user is a potential QRPper, to be welcomed, nurtured, encouraged, assisted, just as is any new ham who comes to his or her first local club meeting, for some tiny seed within that person may grow into a full-fledged QRPper.
--there is no hard and fast boundary that distinguishes the QRP user and the QRPper, although we can all recognize the one-time user and the dedicated microwatter; rather there is a kind of frontier consisting of building interests, field challenges, gradual realizations of low-power's potential, camaraderie among those equally challenged, etc. It is a tough frontier, and users need guides more than goads to cross it.
-73- LB W4RNL

From owner-qrp-l@netcom.com Fri Dec 2 12:48:54 1994
Date: Fri, 02 Dec 1994 08:09:29 -0600 (CST)
From: Jeff Gold <JMG@tntech.edu>
Subject: QRPP
Message-Id: <01HK5T3GXLMBTY59P@tntech.edu>

Hi,

when did people get their QRPP .. haven't received mine yet

73

Jeff, AC4HF

From owner-qrp-l@netcom.com Fri Dec 2 16:03:04 1994
Date: Fri, 2 Dec 1994 07:55:29 -0800 (PST)
From: Monte Stark <msswmod@sage.unr.edu>

Subject: Re: Re "Real QRP"

Message-Id: <Pine.SUN.3.90.941202074743.263A-1000000@nimbus>

On Thu, 1 Dec 1994, Mike Czuhajewski wrote:

> Jumping on a comment made by Larry East recently about people who run
> super computer-controlled, techno-whizzy rice-boxes cranked down to
> QRP, using stacked beams on 300 foot towers: some people run QRP,
> other people are QRPers. Low power levels do not a QRPer make! Some
> people dabble in it just to see if it really does work like they say,
> then go back to the linear and stacked beams; they weren't QRPers, they
> just ran QRP! 73 and Queue Our Pea DE WA8MCQ
> --

I don't agree. I see QRP as a big room full of "boxs'", not just one little box.

To think that you must not use any improved methods would also mean that you couldn't use solid state, or keyers etc.

I don't like SSB. Also don't like local FM stuff. But I sure don't try to sway everyone to my view. I just stay on cw.

One of my goals is to get to 50wpm one of these days. That sure dosen't mean that I think we should require it for all!

Back to QRPing....

73's, cul, Ron

.....KU7Y.....Monte "Ron" Stark.....
..mswmod@sage.unr.edu.....Sun Valley, Nevada.....
.....ARRL.....NRA LIFE.....

From owner-qrp-l@netcom.com Fri Dec 2 16:45:11 1994

Date: Fri, 2 Dec 1994 12:15:20 -0500 (EST)

From: Jim Cummings <jcumming@clark.dgim.doc.ca>

Subject: Re: Re "Real QRP"

Message-Id: <Pine.SUN.3.90.941202114838.28812E-1000000@clark.dgim.doc.ca>

On Thu, 1 Dec 1994, Mike Czuhajewski wrote:

> Jumping on a comment made by Larry East recently about people who run
> super computer-controlled, techno-whizzy rice-boxes cranked down to
> QRP, using stacked beams on 300 foot towers: some people run QRP,
> other people are QRPers. Low power levels do not a QRPer make! Some
> people dabble in it just to see if it really does work like they say,
> then go back to the linear and stacked beams; they weren't QRPers, they
> just ran QRP! 73 and Queue Our Pea DE WA8MCQ
> --
> Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
> E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
> The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
> Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking
>

I remember a while back there was a controversy within the RTTY community with respect to the better means of transmitting the data, either direct FSK or tone modulating a SSB transmitter. Both sides have their advantages and disadvantages. The debate subsided after it was realized that at the receiving end, it really didn't matter - a carrier was shifted in accordance with the protocol and was demodulated and understood. There is no good or bad way of generating the information.

In like manner, this concept of "those who run QRP" and "those who are QRPers" is a rather bizzare notion and is akin to debating on how many angels can dance on the head of a pin. Point in fact, if someone is running a techno-whizzy, 45 element log periodic that goes from DC to light is running QRP, how am I going to know the difference?

Rather than judging others credentials, am I more comfortable with a Cartesian outlook with respect to this issue.

73 and live better digitally
Jim VE3XJ

P.S. I prefer FSK myself. No point in delving into the reasons. Suffice to say that I am working modifying my CSP SSB/CW 20 metre QRP rig for FSK. The boards are built, but unassembled as yet.

From owner-qrp-1@netcom.com Fri Dec 2 22:09:43 1994
Date: Fri, 2 Dec 1994 15:57:33 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: Re "Real QRP"
Message-Id: <Pine.SUN.3.91.941202155340.20598C@ume>

1 I have a ic751a, hw9 and a soon to be built sierra. I also use a dsp

filter, 486 computer and a monobander a 66 feet on 20.....I have made several thousand contacts in the past 12 months, all five watts or less.....do I qualify?????

1

```
*****
Dr. Rick Zabrodski BSc, MD, CCFP(E)      *                VE6GK
EMAIL:  zabrodsk@med.ucalgary.ca          *
Packet: VE6GK@VE6YYC.#cgy.ab.can.na      *      "Power is no substitute
Phone: (403) 271-5123  Fax: 225-1276      *                for skill."
*****
```

From owner-qrp-1@netcom.com Fri Dec 2 23:15:49 1994
From: qrmodena@csemail
Message-Id: <9412030140.AA100449@csemail.cropsci.ncsu.edu>
Subject: Re: Re "Real QRP"
Date: Fri, 2 Dec 94 20:40:16 EST

>
> some people run QRP,
> other people are QRPers. Low power levels do not a QRPer make! Some
> people dabble in it just to see if it really does work like they say,
> then go back to the linear and stacked beams; they weren't QRPers, they
> just ran QRP! 73 and Queue Our Pea DE WA8MCQ

Oh Mike! :^)

Please! {barf}

What elitist snobbery! :^) {barf}

I turn down my Ten-Tec Triton IV...and I turn down my TS-430 and
I have worked 48 states BOTH on 40 and 75 and it's SSB never running
more than 4 watts....and I've done SEVERAL Field Days QRP (check the
QSTs going back over the last five years).

I LOVE, repeat LOVE slogging it out on 40 Meters on Sunday morning
of Field Day moving up the band using TECHNIQUE and my SMART
antennas to pick off stations....and that's after the SIXs stop hearing
me after dawn (I'm in NC).

I LOVE going out on Field Day and putting up my 3 element WIRE delta loop
array for 40 Meters...didn't think anyone had one of those rolled up
just to be more effective on Field Day? :^) {barf}

You think I have to own a NN1G rig to LOVE QRPing? Really? :^) {barf}

--de Steve AB4EL a PSEUDO-qrp'er :^)

I'm not a QRP enthusiast? Really? :^) {barf}

From owner-qrp-l@netcom.com Fri Dec 2 21:02:05 1994
From: stv@world.std.com (Steve L Pitts)
Message-Id: <199412021757.AA22573@world.std.com>
Subject: Snow and Antennas
Date: Fri, 2 Dec 1994 12:57:54 -0500 (EST)

Mostly in response to Chuck's question, excuse me while I place tongue in cheek....

The logic is that the more difficult an antenna installation, the better it has to work. So since we don't have really nasty weather up here in Western Washington, snow is about all I can wish for to improve my antenna.

Now there was a short hail shower here this morning but darn it all, I wasn't ready for it and didn't rush out to string up my dipole I was working on last night. :-)

73 to all
ES CUL
Steve

From owner-qrp-l@netcom.com Fri Dec 2 09:03:03 1994
Date: Fri, 2 Dec 94 05:43:57 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412021143.AA07612@chuck.dallas.sgi.com>
Subject: Steve with Snow

Steve,

I sent you a reply to your posting and I was going to CC my response to you to this group and it was a long one. If you still have it, would you please post.

I'm still curious about why Snow will help a NE40-40. :-)

dit dit
SIG
Chuck Adams K5FO CP-60
adams@sgi.com

From owner-qrp-1@netcom.com Fri Dec 2 14:41:35 1994
Date: Fri, 2 Dec 94 08:30:44 CST
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9412021430.AA20559@collie.aud.alcatel.com>
Subject: Re: Steve with Snow

> Steve,
>
> I sent you a reply to your posting and I was going
> to CC my response to you to this group and it was a
> long one. If you still have it, would you please post.
>
> I'm still curious about why Snow will help a NE40-40. :-)
>
> dit dit
> SIG
> Chuck Adams K5FO CP-60
> adams@sgi.com
>

The snow is for when he installs his antenna. Some folks believe if an antenna is installed during a snowstorm it performs better and lasts longer. I always heard you had to install it during a Blue Norther' to get that kind of performance P-)...

Mike KE4PC
>
>

From owner-qrp-1@netcom.com Fri Dec 2 23:16:02 1994
Date: Fri, 2 Dec 94 19:44:21 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412030144.AA09759@chuck.dallas.sgi.com>
Subject: Thanks

Thanks to Steve who saved my mail that I had sent to him at 5am this morning. I had a couple of thoughts that I wanted to share with this group. It is a great group.

I am glad to know about the antennas and the more adverse the weather the better they work. I'm going to have to go back to the Quantum Mechanics Physics books and look that one up. I don't remember in 10 years of college ever running across the phenomemon. Maybe somebody can get a Nobel Prize in Physics once they figure that one out. "Honey, what are doing out there in the snow and ice?". "I'm working on a PhD in Physics and the Nobel Prize while playing radio amateur." :-) yes - that's the ticket.

:-)

dit dit

SIG

Chuck Adams K5FO CP-60

adams@sgi.com

From owner-qrp-l@netcom.com Fri Dec 2 08:42:41 1994
Date: Fri, 2 Dec 1994 08:55:38 -0200 (EDT)
From: Egiaroll & Tom <egiaroll@cat.cce.usp.br>
Subject: Thanks for Help
Message-Id: <Pine.3.89.9412020846.A18596-0100000@cat.cce.usp.br>

Hi all you

Without knowing I asked help for enter in QRP-L. That was send to all of you, and now I must thanks for so many answer I received, read them and look for other information send. Please dont feel sad, if I dont thank personaly to every one, I'll keep your adresses for future use, thankyou !!!!

Tom from SP-Brazil

=====

From owner-qrp-l@netcom.com Fri Dec 2 22:21:21 1994
Date: Fri, 2 Dec 94 17:17:11 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412022317.AA09460@chuck.dallas.sgi.com>
Subject: The Winner Is

Gang,

The winner on the cross-assembler information is Dean, KB0BAN. He pointed me to one ftp site and from there I found the perfect

assembler that we needed for the K5F0 CMOS keyer project.

Stay tuned. I'll be writting code in XE land. :-)

dit dit de K5F0/XE1

SIG

Chuck Adams K5F0 CP-60

adams@sgi.com

From owner-qrp-1@netcom.com Fri Dec 2 20:34:23 1994

Date: Fri, 2 Dec 94 16:20:33 EST

From: Clark Fishman (FSAC-FCD) <cfishman@fsac3.pica.army.mil>

Subject: To QRP or to QRP

Message-Id: <9412021620.aa01854@FSAC3.PICA.ARMY.MIL>

To QRP or to qrp,

That is the question

whether it's better to crank down a TS-940 or crank up an Argo

That is the question.

end of poetry: Frankly I don't give a damn

From owner-qrp-1@netcom.com Fri Dec 2 11:27:37 1994

Message-Id: <199412021337.FAA25984@mail3.netcom.com>

Date: Fri, 2 Dec 94 06:35:55 -0700

From: Mark J Schreiner <schreine@pogo.den.mmc.com>

Subject: Re: Twin Lead -vs- Ladder Line

Absolutely!

Mark, NK8Q/3